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Orthopaedic fixing screw - has additional smaller internal hexagon coaxial to first joining onto it in head

Patent Assignee: MECRON MEDIZINISCHE PROD GMBH

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Patent Family (2 patents, 1 country)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
DE 3434807	A	19851219	DE 3434807	A	19840919	198601	B
DE 3434807	C	19870723	DE 3434807	A	19840919	198729	E

Priority Application Number (Number Kind Date): DE 18588 A 19840615; EP 1985730078 A 19850605

Patent Details

Patent Number	Kind	Language	Pages	Drawings	Filing Notes
DE 3434807	A	DE	13	3	
DE 3434807	C	DE		3	

Alerting Abstract: DE A

The orthopaedic fixing screw has a drilling through it in the lengthwise direction, with a concentric internal hexagon in the head. There is a second internal hexagon (7) in the head (4), smaller than the first (6), joining onto it and coaxially aligned with it.

The internal faces of the two hexagons can be tee parallel to each other, the ratio between their diameters being 8:5 and these being 3.5 and 2.5mm. There can also be coaxial external hexagons of different diameters and joined together.

USE - Accommodates hexagon keys of different sizes.

Equivalent Alerting Abstract:

DE C

The orthopaedic fixing screw has a drilling through it in the lengthwise direction, with a concentric internal hexagon in the head. There is a second internal hexagon (7) in the head (4), smaller than the first (6), joining onto it and coaxially aligned with it.

The internal faces of the two hexagons can be tee parallel to each other, the ratio between their diameters being 8:5 and these being 3.5 and 2.5mm. There can also be coaxial external hexagons of different diameters and joined together.

USE - Accommodates hexagon keys of different sizes.

International Classification (Main): A61B-017/58 (Additional/Secondary): B25B-015/02

Original Publication Data by Authority

Germany

Publication Number: DE 3434807 A (Update 198601 B)

Publication Date: 19851219

Schraube zur orthopaedischen Fixation

Assignee: Mecron Medizinische Produkte GmbH, 1000 Berlin, DE (MECR-N)

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Language: DE (13 pages, 3 drawings)

Application: DE 3434807 A 19840919 (Local application)

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Current ECLA ICO class: K61B-17:86A2

Claim: * 1. Schraube zur orthopaedischen Fixation, insbesondere mit einer in Laengsrichtung durchgehenden Bohrung, mit einem konzentrischen Innensechskant im Kopfbereich, dadurch gekennzeichnet, dass im Bereich des Kopfes (4) ein weiterer Innensechskant (7) vorgesehen ist, welcher kleiner als der erste Sechskant (6) ausgebildet ist und sich in koaxialer Ausrichtung an den ersten Innensechskant in Laengsrichtung zum Schraubeninneren anschliesst. |DE 3434807 C (Update 198729 E)

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Schraube zur orthopaedischen Fixation und Sechskantschraubendreher hierfuer

Assignee: Mecron Medizinische Produkte GmbH, 1000 Berlin, D E

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Agent: Christiansen, H., Dipl.-Ing., Patentanwalt, 1000 Berlin

Language: DE (3 drawings)

App lication: DE 3434807 A 19840919 (Local application)

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Current ECLA ICO class: K61B-17:86A2

Claim: * 1. Schraube zur orthopadischen Fixation, mit einem Kopf, der einen konz entrischen Innensechskant aufweist, **dardurch gekennzeichnet,**dass im Bereich des Kopfes (**4**) ein weiterer Innensechskant (**7**) vorgese hen ist, welcher kleiner als der erste Innensechskant (**6**) ausgebild et ist und sich in koaxialer Ausrichtung an den ersten Innensechskant i n Langsrichtung zum Schraubeninneren anschliesst.

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